## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6030821".pn.	US-PGPUB; USPAT	OR	OFF	2010/02/25 07:02
S1	18	((ANDREAS) near2 (HABICH)).INV.	US-PGPUB; USPAT	OR	OFF	2009/08/25 14:20
S2	11	((JORG) near2 (BRAUN)).INV.	US-PGPUB; USPAT	OR	OFF	2009/08/25 14:21
S3	4	("5141755"   "5318903"   "5846798"   "6475546").PN.	US-PGPUB; USPAT	OR	ON	2009/08/25 14:24
S4	36	enzyme\$1 near10 stab\$6 near10 (acacia or guar or locust or "gum arabic")	US-PGPUB; USPAT	OR	ON	2009/08/25 15:36
S5	1	phytase\$1 near10 (acacia or "gum arabic" or "gummi arabicum")	US-PGPUB; USPAT	OR	ON	2009/08/25 15:45
S6	0	Hydrolase\$1 near10 (acacia or "gum arabic" or "gummi arabicum")	US-PGPUB; USPAT	OR	ON	2009/08/25 15:46
S7	0	phosphatase near10 (acacia or "gum arabic" or "gummi arabicum")	US-PGPUB; USPAT	OR	ON	2009/08/25 15:46
S8	1	"enzyme granule" with (acacia or "gum arabic" or "gummi arabicum")	US-PGPUB; USPAT	OR	ON	2009/08/25 15:48
S9	0	phytase\$1 near10 (acacia or "gum arabic" or "gummi arabicum")	EPO; JPO; DERWENT	OR	ON	2009/08/25 15:49
S10	0	phosphatase\$1 near10 (acacia or "gum arabic" or "gummi arabicum")	EPO; JPO; DERWENT	OR	ON	2009/08/25 15:50

S11	0	"enzyme stability" near10 (acacia or "gum arabic" or "gummi arabicum")	EPO; JPO; DERWENT	OR	ON	2009/08/25 15:50
S12	1	"heat stability" near10 (acacia or "gum arabic" or "gummi arabicum")	EPO; JPO; DERWENT	OR	ON	2009/08/25 15:52
S13	0	"enzyme composition" near10 (acacia or "gum arabic" or "gummi arabicum")	EPO; JPO; DERWENT	OR	ON	2009/08/25 16:00
S14	5	"enzyme composition" and (acacia or "gum arabic" or "gummi arabicum")	EPO; JPO; DERWENT	OR	ON	2009/08/25 16:01
S15	2	"enzyme formulation" and (acacia or "gum arabic" or "gummi arabicum")	EPO; JPO; DERWENT	OR	ON	2009/08/25 16:11
S16	13	(phytase or phosphatase) and (acacia or "gum arabic" or "gummi arabicum")	EPO; JPO; DERWENT	OR	ON	2009/08/25 16:13
S17	30	enzyme\$1 near10 pellet\$4 near10 (food or feed)	EPO; JPO; DERWENT	OR	ON	2009/08/25 16:20
S18	9	S17 and phytase\$1	EPO; JPO; DERWENT	OR	ON	2009/08/25 16:20
S19	71	enzyme\$1 near10 stab\$6 near10 ("plant protein" or gluten or "soy protein" or flour)	US-PGPUB; USPAT	OR	ON	2009/08/25 18:18
S20	5	S19 and (phytase \$1 or phosphatase \$1)	US-PGPUB; USPAT	OR	ON	2009/08/25 18:19
S21	91	phytase near10 "soybean meal"	US-PGPUB; USPAT	OR	ON	2009/08/25 18:22
S22	261	"animal feed" and phytase	EPO; JPO; DERWENT	OR	ON	2009/09/01 08:39

S23	177	\$22 and ("soybean meal" or flour or grit\$1 or protein or "plant protein")	EPO; JPO; DERWENT	OR	ON	2009/09/01 08:40
S24	16	S23 and (thermostab\$6)	EPO; JPO; DERWENT	OR	ON	2009/09/01 08:40
\$25	0	phytase with "animal growth"	US-PGPUB; USPAT	OR	OFF	2009/09/01 09:48
S26	17	phytase and "animal growth"	US-PGPUB; USPAT	OR	OFF	2009/09/01 09:48
S27	13	phytase and "feed conversion rate"	US-PGPUB; USPAT	OR	OFF	2009/09/01 09:59
S28	180	(protein\$1 near10 isolat\$3)same phytase	US-PGPUB; USPAT	OR	OFF	2010/02/24 14:55
S29	3	S28 same stab\$5	US-PGPUB; USPAT	OR	OFF	2010/02/24 14:56
S30	144	(protein\$1 near10 isolat\$3) same (enzyme\$1 near10 stab\$5)	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:00
S31	0	S30 same phytase	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:00
\$32	8	S30 same (amylase or xylanase or lactase or protease or maltase or glucosidase)	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:01
<b>S</b> 33	0	(palnt\$1 near10 protein\$1 near10 isolat\$3)	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:05
S34	99799	( protein\$1 near10 isolat\$3)	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:06
S35	180	S34 same phytase	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:06
S36	1	S35 and "enzyme stability"	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:07
S37	230	stab\$5 near10 phytase	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:10
S38	86025	S37 (protein near10 isolat\$3)	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:11
S39	112	S37 and (protein near10 isolat\$3)	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:11
S40	47	phytase same "protein isolate"	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:24

S41	0	"enzyme stability" with "protein isolate"	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:30
S42	0	"enzyme stability" with "protein isolate"	EPO; JPO; DERWENT	OR	OFF	2010/02/24 15:35
S43	0	(enzyme near10 stab\$5) with "protein isolate"	EPO; JPO; DERWENT	OR	OFF	2010/02/24 15:36
S44	0	(enzyme near10 stab\$5) near20 "protein isolate"	EPO; JPO; DERWENT	OR	OFF	2010/02/24 15:36
S45	0	(enzyme near10 stab\$5) near20 "pure protein"	EPO; JPO; DERWENT	OR	OFF	2010/02/24 15:37
S46	4	enzyme\$1 near10 stabl\$5 near10 effect\$1 near10 protein\$1	EPO; JPO; DERWENT	OR	OFF	2010/02/24 15:37
S47	10	enzyme\$1 near10 stabl\$5 near10 effect\$1 near10 protein\$1	US-PGPUB; USPAT	OR	OFF	2010/02/24 15:39
S48	1	"4118279".pn.	US-PGPUB; USPAT	OR	OFF	2010/02/24 16:47
S49	1	"4259357".pn.	US-PGPUB; USPAT	OR	OFF	2010/02/24 17:20

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